ECS Configuration Change Request

CCR No. 97-0791	**Logged Date** 5/15/97	**Rev.** -	**Request Type** CCR

Priority	Routine ☐	Urgent ☒	Emergency ☐	**Affected Release** A	**Change Class** II

Title Update Pre-Release B Testbed LaRC HW/Network diagram baseline (Doc: 420-TD-011-005)

Documents Affected	**Source Nos** (RID, NCR, Action Item, GSFC CCR, etc.) **or Tech Reference**

RTM Change ☐   **Start New Baseline** ☐

Problem

LaRC PCA exposed discrepancies against the HW/Network diagram:

See attached discrepancy table

Proposed Solution

See solution table and network diagram attachment

Impact Analysis:

Organizations Affected:

BOO ☐	Contracts ☐	ECS Chief Eng ☐	FOS ☐	M&O ☐
Procurement ☐	QO ☐	Rel. Dev ☐	Rel. A ☒	Rel. C ☐	SCDO Arch. ☐
Science Off ☐	Security ☐	Subcontrct ☐	Sys. Eng ☐	Sys Verf Acpt ☐	

Cost:	None ☒	Small ☐	Medium ☐	Large ☐
		(Not exceeding $100,000)	($100,000 to $500,000)	(Over $500,000)

Schedule: None ☒   Other

Additional LOC _____   Man-Months _____

Materials

Originator	Randy Haynes	Randy Haynes	5/15/97
		Signature	Date

Office	Pre B Testbed	Office Manager	Narayan Prasad	5/15/97
			Signature for Rel A Manager	Date

Disposition   Approved ☒   Approved w/Comment ☐   Forward ☐   Disapproved ☐

Comments:

	CCB Chairperson	Narayan Prasad	5/15/97
		Signature	Date

CM01OC96   *ECS*

Discrepancy Table

Item	Description
001	Conflict in hostname - ~ Network Diagram shows "MSSHW-LaRC-2.2". ~ Interrogation of network shows that printer is named "larcp1".
002	Conflict in IP Address - ~ Interrogation of network shows that SPRHW-LARC-4 is 198.118.216.117 ~ Network Diagram states that SPRHW-LARC-4 is "198.118.216.102".
003	Conflict in Hardware Name - Query of hostnames against IP Address's shows: ~ hostname "sprl4" on unit SPRHW-LARC-8. ~ hostname "sprl8" on unit SPRHW-LARC-4.
004	Conflict in Connectivity - ~ Network Diagram states SPRHW-LARC-4 (<u>after</u> the above [003] correction is made) should be connected to Ethernet hub. ~ Actual wiring shows that the unit is isolated and is not connected. Note: The site personnel stated that the computer failed and was disconnected to go out for repair. ICLHW has been temporarily installed in SPRHW-LARC-4's position as a replacement.
005	Conflict in hostname - ~ Network Diagram states hardware name is SPRHW-LARC-10. ~ Hardware Diagram states hardware name is SPRHW-LARC-10. ~ Interrogation of unit states hostname "sprl1ncd". Note: Discussed this issue with site personnel. They believe the hostname was entered incorrectly and that it should be corrected to read "sprl10ncd".
006	Conflict in hostname at IP Address - ~ Network diagram states printer is: AITHW-LARC-3 at IP Address 198.118.216.112. ~ Interrogation of network states printer is: "larcp4" is at located at IP Address 198.118.216.112.
007	Conflict in Connectivity - ~ Network Diagrams shows two connections from: AITHW-LARC-2 to: (a.) FDDI Concentrator 1 and (b.) FDDI Concentrator 2. ~ Actual wiring is one connection from AITHW-LARC-2 to: FDDI Concentrator 1. Note: A second fiber cable is attached to AITHW-LARC-2 and runs under the floor for some length, but cable end has been cut off just in front of the Concentrator Rack(s).
008	Conflict in Connectivity - ~ Network Diagram shows two connections from: MSSHW-LARC-3 to: (a.) FDDI Concentrator 8 and (b.) FDDI Concentrator 9. ~ Actual wiring is one connection from: MSSHW-LARC-3 to: FDDI Concentrator 9.
009	Conflict in Connectivity - ~ Network Diagram shows two connections from: ACMHW-LARC-4 to: (a.) FDDI Concentrator 6 and (b.) FDDI Concentrator 7. ~ Actual wiring is one connection from ACMHW-LARC-4 to: FDDI Concentrator 7.

Solution Table

Item	Actions	Remarks
001	Map printer hostnames to HWCI nomenclature in the diagram	actual printer name is included in the diagram
002	Reconnect at site per network diagram address	
003	Reconnect at site per network diagram	
004	Reconnect at site per network diagram	
005	No action	hostnames are 8 characters long. Cannot represent 10ncd.
006	See 001	
007	Update network diagram	No impact on Testbed
008	Update network diagram	No impact on Testbed
009	Update network diagram	No impact on Testbed